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| TRANSMITTAL   |               | Application Number                                     | 09/700,129   |                |  |  |
|---|---------------|--|--|----------------|--|--|
|   |               | Filing Date  | November 7, 2000   |                |  |  |
| 3 2001 FORM   |               | First Named Inventor                                   | Takeshi HAGIWARA, et al.   |                |  |  |
| (to be used for all correspondence after in         | itial filing) | Group Art Unit   | To Be Assigned   | To Be Assigned |  |  |
| ADTEMPATE   |               | Examiner Name  | To Be Assigned   |                |  |  |
| Total Number of Pages in This Submission            | 28            | Attorney Docket Number                                 | 9319S-000166   |                |  |  |
|   | ENCLO         | OSURES (check all that apply)                          |  |                |  |  |
| Fee Transmittal Form                                |               | ment Papers<br>Application)                            | After Allowance Communication to Group   |                |  |  |
|   | ☐ Drawin      | g(s)   | Appeal Communication to Boar Appeals and Interferences                           | d of           |  |  |
| Amendment / Response                                | Licensi       | ng-related Papers                                      | Appeal Communication to Grou   | р              |  |  |
| After Final   | Petition      | 1  | Proprietary Information  |                |  |  |
| Affidavits/declaration(s)                           |               | n to Convert to a onal Application                     | ☐ Status Letter  |                |  |  |
| Extension of Time Request                           |               | of Attorney, Revocation<br>e of Correspondence Address | Other Enclosure(s) (please identify below):                                      |                |  |  |
| Express Abandonment Request                         | _             | al Disclaimer<br>st for Refund                         | Notification of Missing<br>Requirements, (2) signed<br>Declaration/Power of Atto | rne            |  |  |
| ☐ Information Disclosure Statement                  | CD, Nu        | ımber of CD(s)   | and return postcard  |                |  |  |
| Certified Copy of Priority Document(s)  Remai       |               | rks  |  |                |  |  |
| Response to Missing Parts/ Incomplete Application   |               |  |  |                |  |  |
| Response to Missing Parts under 37 CFR 1.52 or 1.53 | -             |  |  |                |  |  |
| SIGNA   | TURE OF A     | APPLICANT, ATTORNEY, O                                 | OR AGENT   |                |  |  |
| Firm or Harness, Dickey & Individual name           | Pierce, P.L.  | C., G. Gregory Schivley, Reg. No                       | o. 27,382  |                |  |  |
| Signature   | 5             | Klewing  |  |                |  |  |
| Date February 26, 200                               | <u> </u>      | <u> </u>   |  |                |  |  |
|   | ŒI            | RTIFICATE OF MAILING                                   |  |                |  |  |
| I hereby certify that this correspondence is        |               |  |  | elop           |  |  |
| addressed to: Assistant Commissioner for            | <del>/</del>  | <del></del>  | ate: February 20, 2001   |                |  |  |
| Typed or printed name   G. Greedon So               | hivley, Reg.  | No. 27,382   |  | _              |  |  |
|   | ,             |  | Date February 💋 , 2001   |                |  |  |

02/27/2001 LLANDGRA 00000045 09700129

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|                                  | Complete if Known    |                          |  |  |  |
|----------------------------------|----------------------|--------------------------|--|--|--|
| PE FEE TRANSMITTAL               | Application Number   | 09/700,129               |  |  |  |
| FE FEE TRANSMITTAL for FY 2001   | Filing Date          | November 7, 2000         |  |  |  |
| EB 2 3 2001 E                    | First Named Inventor | Takeshi HAGIWARA, et al. |  |  |  |
|                                  | Examiner Name        | To Be Assigned           |  |  |  |
| TRACEMENT OF PAYMENT (\$) 210    | Group / Art Unit     | To Be Assigned           |  |  |  |
| TOTAL AMOUNT OF PAYMENT (\$) 210 | Attorney Docket No.  | 9319S-000166             |  |  |  |

| TOTAL AIV                     | 100111     | 01 17111  | (4)                                   | 210                               |        |                                     | y DOCKE    |                        |            |  |  |
|-------------------------------|------------|---|---------------------------------------|-----------------------------------|--------|-------------------------------------|------------|------------------------|------------|--|--|
| METHOD OF PAYMENT (check one) |            |   | FEE CALCULATION (continued)           |                                   |        |                                     |            |                        |            |  |  |
| 1.                            |            | The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: |                                       |                                   | 3. ADD | ITIONAL<br>Large<br>Entity<br>Fee   | Fee        | Small<br>Entity<br>Fee |            | Fee  |  |
| Deposit<br>Account            | 0          | 8-0750  |                                       |                                   |        | Code                                | (\$)       | Code                   | (\$)       | Fee Description  | Paid   |
| Number                        |            | 105   | 130                                   | 205                               | 65     | Surcharge - late filing fee or oath | 130        |                        |            |  |  |
| Danasit                       | _          |   |                                       |                                   |        | 127                                 | 50         | 227                    | 25         | Surcharge - late provisional filing fee<br>or cover sheet.                 |  |
| Deposit<br>Account            | Н          | arness, Dick  | ey & Pierce, P.L.                     | c.                                |        | 139                                 | 130        | 139                    | 130        | Non-English specification  |  |
| Name                          |            |   |                                       |                                   |        | 147                                 | 2,520      | 147                    | 2,520      | For filing a request for reexamination                                     |  |
| Under                         | 37 CFR     | ditional Fee<br>1.16 and 1.1  | 7                                     |                                   |        | 112                                 | 920*       | 112                    | 920*       | Requesting publication of SIR prior to<br>Examiner action                  |  |
| See 3                         | 7 CFR 1    |   | y status.                             |                                   |        | 113                                 | 1,840*     | 113                    | 1,840*     | Requesting publication of SIR after<br>Examiner action                     |  |
| 2. 🛛 Pay                      | ment En    | closed:   |                                       |                                   |        | 115                                 | 110        | 215                    | 55         | Extension for reply within first month                                     |  |
| ☑ Check                       |            | Credit card   | ☐ Money<br>Order                      | ☐ Other                           |        | 116                                 | 390        | 216                    | 195        | Extension for reply within second month                                    |  |
|                               |            | FEE C   | ALCULATION                            |                                   |        | 117                                 | 890        | 217                    | 445        | Extension for reply within third month                                     |  |
| 1. BASIC                      | FILING     |   | ALCOLATION                            |                                   |        | 118                                 | 1,390      | 218                    | 695        | Extension for reply within fourth month                                    |  |
| Large Enti                    | ty Sma     | ll Entity   |                                       |                                   |        | 128                                 | 1,890      | 228                    | 945        | Extension for reply within fifth month                                     |  |
| Fee Fee                       | Fee        | Fee   | Fee Description                       |                                   |        | 119                                 | 310        | 219                    | 155        | Notice of Appeal   |  |
| Code (\$)                     | Code       | 4.7   | I Mility filling for                  | Fee Paid                          | 7      | 120                                 | 310        | 220                    | 155        | Filing a brief in support of an appeal                                     | <b>  </b>                                    |
| 101 710<br>106 320            | 201<br>206 | 355<br>160  | Utility filing fee                    |                                   | 4      | 121                                 | 270        | 221                    | 135        | Request for oral hearing   | <b></b>                                      |
| 106 320<br>107 490            | 207        | 245   | Design filing fee<br>Plant filing fee |                                   | _      | 138                                 | 1,510      | 138                    | 1,510      | Petition to institute a public use proceeding                              |  |
| 108 710                       | 208        | 355   | Reissue filing fee                    |                                   | 4      | 140                                 | 110        | 240                    | 55         | Petition to revive – unavoidable   |  |
| 114 150                       | 214        | 75  | Provisional filling                   | fee                               | ╛      | 141                                 | 1,240      | 241                    | 620        | Petition to revive – unintentional   |  |
|                               |            | SUBTOTA   | 1 (4)                                 | (\$) 0                            | ٦      | 142                                 | 1,240      | 242                    | 620        | Utility issue fee (or reissue)   | <b>├</b>                                     |
|                               |            | 3001012   | <del>- (1)</del>                      |                                   |        | 143                                 | 440        | 243                    | 220        | Design issue fee   | $\vdash$                                     |
| 2. EXTRA CL                   | AIM FE     | ES  |                                       |                                   |        | 144                                 | 600<br>130 | 244                    | 300<br>130 | Plant issue fee  |  |
|                               |            |   |                                       | ee from Fee<br>elow Paid          |        | 122                                 | 130        | 122                    | 130        | Petitions to the Commissioner  |  |
| Total Claims                  |            | . =   | O X                                   | = 0                               |        | 123                                 | 130        | 123                    | 130        | Petitions related to provisional applications                              | -  |
| Independent<br>Claims         |            | . =   | 0 X                                   | = 0                               |        | 126                                 | 180        | 126                    | 180        | Submission of Information Disclosure<br>Stmt                               |  |
| Multiple<br>Dependent         |            |   | ×[                                    | = 0                               |        | 581                                 | 40         | 581                    | 40         | Recording each patent assignment per property (times number of properties) | 80   |
| Large En                      | itity Sm   |   | •                                     | ion                               |        | 146                                 | 710        | 246                    | 355        | Filing a submission after final rejection (37 CFR § 1.129(a))              | 1  |
| Code (\$                      |            |   | Fee Descript Claims in exc            |                                   |        | 149                                 | 710        | 249                    | 355        | For each additional invention to be examined (37 CFR § 1.129(b))           | 12   |
| 102 80                        |            |   |                                       | claims in excess of 3             |        | 170                                 | 740        | 270                    | 255        |  |  |
| 104 27                        | 0 204      | 135   | Multiple depe                         | ndent claim, if not paid          |        | 179                                 | 710        | 279                    | 355        | Request for Continued Examination (RCE)                                    | <u>                                     </u> |
| 109 80                        | 209        | 9 40  | ** Reissue ind<br>original paten      | dependent claims over<br>t        |        | 169                                 | 900        | 169                    | 900        | Request for expedited examination of a design application                  |  |
| 110 18                        | 210        | 9   | ** Reissue cla<br>over original p     | aims in excess of 20 ar<br>patent | ıd     |                                     |            |                        |            | **   |  |
|                               |            | s   | UBTOTAL (2)                           | (\$)0                             | ]      | Other fe                            | e (specif  | y)                     |            | 4  |  |
|                               |            |   |                                       |                                   | _      | *Reduc                              | ed by Ba   | sic Filin              | g Fee P    | aid SUBTOTAL (3) (\$) 210  |  |
| **or number pr                | eviously p | aid, if greate  | ; For Reissues, se                    | e above                           |        |                                     |            |                        |            |  |  |

| SUBMITTED BY      | 1  | 1                                 |        | Con       | nplete (if applicable) |
|-------------------|--|-----------------------------------|--------|-----------|------------------------|
| Name (Print/Type) | G. Gregory Schiyley                                  | Registration No. Attorney/Age/it) | 27,382 | Telephone | 248-641-1600           |
| Signature         | 7. Th  | you alulen                        |        | Date      | Februar 20, 2001       |
|                   | <del>' / • / · / · / · / · / · / · / · / · / ·</del> | 71 77 0                           |        | ,         |                        |

10 02-22-01

U.S. APPLICATION NO.



ATTY. DOCKET NO.

FIRST NAMED APPLICANT

| /  | OIPE         |       |
|----|--------------|-------|
|    | FEB 2 3 2001 | FFICE |
| \Z | TRADEMA!     | 7     |

| 09/700129  | HAGIWARA  | Т              |                     | 9319S-000166            |        |
|--|---|----------------|---------------------|-------------------------|--------|
| G GREGORY SCHIVLEY   | 1   | [N]            | ERNATIONAL          | APPLICATION NO          |        |
| HARNESS DICKEY & PIERCE  |   |                | PCT/JP              | 00/01412                |        |
| PO BOX 828   |   | LA SII         | NG DATE             | PRIORITY DATE           |        |
| BLOOMFIELD HILLS, MI 48303   |   | L              | AR 00               |                         |        |
|  |   | DATE MAILED:   | AR UU               | 08 MAR 99               | M 2001 |
| NOTIFICATION OF N  | MISSING REQUIREMENTS UNDER 3  | 5 U.S.C. 37    | IN THE              | UNITED 22 JA            | NYZUUI |
| STAT   | ES DESIGNATED/ELECTED OFFICE  | (DO/EO/U       | S)                  |                         |        |
|  | ubmitted by the applicant or the IB to the U  | Inited States  | Patent an           | d Trademark Office as   |        |
| a Designated Office  |   |                |                     |                         |        |
| an Elected Office (3  U.S. Basic National Fee.   | 37 CFR 1.495):  |                |                     |                         |        |
| Copy of the international app  | olication in:   |                |                     |                         |        |
| a non-English langu  |   |                |                     |                         |        |
| ☐ English.   |   |                |                     |                         |        |
| Translation of the internation   |   |                |                     |                         |        |
| Oath or Declaration of inven   |   |                |                     |                         |        |
| Copy of Article 19 amendme   |   |                |                     |                         |        |
| Translation of Article 19 amo  | endments into English.<br>y Examination Report in English and its A                   | nnever if ar   |                     |                         |        |
|  | E International Preliminary Examination R   |                |                     |                         |        |
| Preliminary amendment(s) fi  | iled 11/07/00 and   | •              | .6.1.3.1.           |                         |        |
|  |   |                |                     |                         |        |
| Assignment document.   |   |                |                     |                         |        |
| Power of Attorney and/or Ch  |   |                |                     |                         |        |
| ☐ Substitute specification filed☐ Verified Statement Claiming                              |   |                |                     |                         |        |
| Priority Document.   | Sman Entry Status.  |                |                     |                         |        |
|  | arch Report 🗷 and copies of the reference.  | s cited therei | n.                  |                         | •      |
| Other:   |   |                |                     |                         |        |
| 2. The following items <b>MUST</b> be fu   | irnished within the period set forth below i  | n order to co  | mplete th           | e requirements for      |        |
| acceptance under 35 U.S.C. 371:  | to ton Postale Man a comment of the   |                |                     |                         |        |
| appropriate 20 or 30 months  | ion into English. Note a processing fee wi  | ili be require | a ii subm           | itted later than the    |        |
|  | ation is defective for the reasons indic  | ated on the    | attached            | Notice of Defective     |        |
| Translation.   |   |                |                     |                         |        |
| 30 months from the priority of   | ng the translation of the application and/or late (37 CFR 1.492(f)).                  |                |                     |                         |        |
| the International application r  | inventors, in compliance with 37 CFR 1.4 number and international filing date.        |                |                     |                         |        |
| on the attached PCT  |   |                |                     |                         |        |
| (37 CFR 1.492(e)).   | e oath or declaration later than the approp   |                |                     |                         |        |
| 3. Additional claim fees of \$   | as a large entity small entitust submit the additional claim fees or can              | y, including   | any requi           | red multiple dependent  |        |
| due. See attached PTO-875.   | rust submit the additional claim rees of can  | icei the attin | ional cian          | iis for which lees are  |        |
|  |   |                |                     |                         |        |
| FROM THE DATE OF THIS NOT  | H IN 2(a)-2(d) AND 3 ABOVE MUST B<br>TICE OR BY ☑ 21 OR ☐ 31 MONTHS                   | E SUBMIT       | E BDIUI             | THIN ONE MONTH          |        |
|  | ER IS LATER. FAILURE TO PROPE   |                |                     |                         |        |
| ABANDONMENT.   |   |                |                     |                         | •      |
| The time period set above may be ex CFR 1.136(a).  | tended by filing a petition and fee for exte  | nsion of time  | under th            | e provisions of 37      |        |
| 4. Translation of the Annexes MUST   | $\Gamma$ be submitted no later that the time period                                   | i set above o  | r the anne          | exes will be cancelled. |        |
| Note processing fee will be required   | if submitted later than 30 months from the  | priority date  | <b>:</b> .          |                         |        |
| <ol> <li>The Article 19 amendments are<br/>494(d)) or 30 (37 CFR 1.495(d)) more</li> </ol> | e cancelled since a translation was not prove   | vided by the   | appropria           | te 20 (37 CFR.          |        |
| , , ,  | • •   |                |                     |                         |        |
|  | nunication to the United States Patent and Tude the U.S. application no. shown above. |                |                     | t be mailed to the      |        |
| A copy of this notice  | e MUST be returned with l   | this resp      | onse.               |                         |        |
| Enclosed:  |   | •              |                     |                         |        |
| ☐ PCT/DO/EO/917  | ☐ Notice of Defective Translation   | D.             | rhara A             | Campbell                |        |
| ☐ PTO-875<br>FORM PCT/DO/EO/905 (December  | 1997)   |                | rbara A<br>e: 703-3 | . Campbell              |        |
| TOTALL CITE OF POLICY (December  | ****  | refebrior      | ₩. /U3-3            | UD•3031                 |        |